

CX3CL1 Antibody

Catalog No: #24058

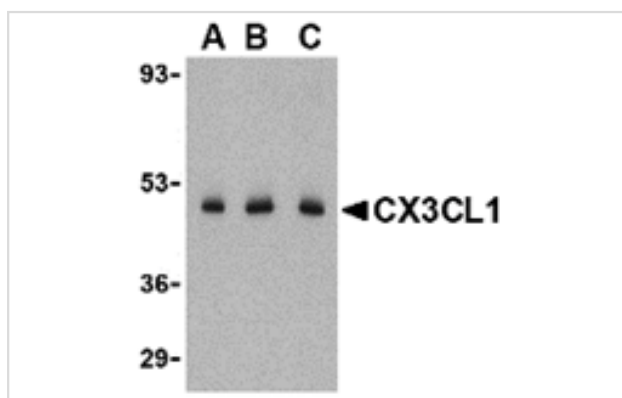
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Description

Product Name	CX3CL1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB
Species Reactivity	Hu Ms
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to 18 amino acids near the amino terminus of human CX3CL1.
Target Name	CX3CL1
Other Names	CX3C, CX3C membrane-anchored chemokine, neurotactin, small
Accession No.	Swiss-Prot:P78423Gene ID:6376
Uniprot	P78423
GeneID	6376;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of CX3CL1 in C2C12 cell lysate with CX3CL1 antibody at (A) 0.5, (B) 1 and (C) 2 mg/ml.

Background

Chemokines are a family of proteins associated with the trafficking of leukocytes in immune surveillance and inflammatory cell recruitment. They are classified based on the positions of key cysteine residues. CX3CL1 is a CX3C chemokine known to induce adhesion and migration of leukocytes mediated by a membrane-bound and soluble form respectively. Recent experiments have shown that CX3CL1 can suppress the production of nitrous oxide, interleukin-6, and TNF- α in activated microglia and neuronal cells, suggesting that it may act as an intrinsic inhibitor against neurotoxicity by activated microglia. Its receptor, CX3CR1, also functions as a co-receptor for HIV-1 and HIV-2 envelope fusion and virus infection, which can be inhibited by CX3CL1.

Note: This product is for in vitro research use only